



American International Chemical, Inc.

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SPECIFICATION SHEET

MAGNESIUM CITRATE ANHYDROUS USP POWDER

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
MCAGIP	2998	3344-18-1	September 11, 2007	SDM	No. 5	MPR

CHARACTERISTICS:	Odorless, white powder in the tribasic anhydrous form. Manufactured in a class 100K facility using injection grade water.
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SPECIFICATIONS:	Identification	
	A	To pass test
	B	To pass test
	Magnesium content	
	Dried basis (USP)	14.5-16.4%
	Anhydrous (as is)	14.2% min
	Loss on drying	2% max
	Chloride	0.05% max
	Sulfate	0.2% max
	Arsenic	3 ppm max
	Heavy metals	10 ppm max
	Lead	1 ppm max
	Iron	200 ppm max
	pH	5.0-9.0
	Limit of calcium	1% max
	Organic volatile impurities	Meets requirements
	Residual Solvents	Meets requirements
	Particle size: thru a 85 mesh	75% min
	Microbial limits	
	Total aerobic count	500 cfu/g max
Total molds and yeasts	50 cfu/g max	
Escherichia coli and salmonella	Absent	

STOCKING:	Carson, CA; Farmingdale, NJ
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PACKAGING:	Various packaging combinations are available depending upon customer requirements. Standard packaging is 25 kg fiber drums with inner HMHDPE liners. Standard pallet configuration is 15 drums per pallet as 3 layers of 5 drums per layer, with the option to increase layers to 20 or 25 drums per pallet.
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APPLICATIONS:	Dietary supplement and food additive where low moisture high Mg content is required.
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SHELF LIFE AND STORAGE INSTRUCTIONS:	Material should be re-tested against certificate of analysis three years from date of manufacture and stored in well closed container in dry location at ambient room temperature (~ 20°C)
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OTHER:	Manufacturing site is cGMP (by WHO), EDQM (European Directorate for the Quality of Medicines), HACCP, ISO-9001:2000, ISO-14001, Kosher (KOF-K), and Halal certified.
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